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(54) IMPROVEMENTS IN AND RELATING TO CARPET-GRIPPING STRIPS

(71) We, DRAFTEX DEVELOPMENT A.G., a joint stock company organised under the laws of Switzerland, of Schönbühl 3, 6300 Zug, Switzerland, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

The invention relates to strips for gripping carpets or the like.

According to the invention, there is provided a strip for gripping carpets or the like, comprising an elongate metal member enclosed in a sheath, the metal member having teeth arranged therealong which project through the sheath.

According to the invention, there is also provided a strip for gripping carpets or the like, comprising an elongate flat thin metal member having upstanding teeth formed along at least one face thereof by partially punching out tangs from the metal member, and an extruded sheath of rubber or plastics material covering the said one face of the metal member, the opposite face thereof and the two lateral edges running along the member, with the said teeth projecting through the sheath.

A carpet-gripping strip embodying the invention will now be described, by way of example only, with reference to the accompanying diagrammatic drawing in which:

Figure 1 is a perspective view of one strip of the strip with part of a sheath of the strip removed; and

Figure 2 is a cross-section through another form of the strip.

The carpet-gripping strip 10 shown in Figure 1 comprises an elongate metal member in the form of a strip 12 with two rows of teeth or tangs 14 upstanding therefrom. These tangs are formed by bent-up, partially punched-out, V-shaped portions of the metal strip 12 and preferably do not lie perpendicular to the plane of the metal strip 12.

A sheath 16 completely encloses the metal strip 12 except for the tangs 14 which project through the sheath 16 to grip a carpet

placed on the carpet-gripping strip 10. The sheath 16 is of a plastics or rubber material.

To enable the carpet-gripping strip 10 to be fixed in position on a surface, the outer under-surface 18 of the sheath 16 can be coated with adhesive, or a double-sided adhesive tape can be fixed therealong. Alternatively, holes can be formed through the sheath 16 and the metal strip 12 to allow tacks, nails, screws, or like fixing means to be inserted through the carpet-gripping strip 10 to secure the strip in position.

In the form of the carpet-gripping strip shown in Figure 2, three rows of tangs 14 are formed out of the metal strip 12, the centre row of tangs 14 being bent downwards to project through the opposite side of the sheath 16 from that through which the two outer rows project. The centre row of tangs 14 preferably project perpendicularly from the metal strip 14 and enable the carpet-gripping strip 10 to be secured to a surface by driving the centre rows of tangs 14 into the surface.

The carpet-gripping strip 10 can be manufactured by extruding the sheath 16 about the metal strip 12 (after the tangs 14 have been formed) by a suitable crosshead extruding process.

WHAT WE CLAIM IS:—

1. A strip for gripping carpets or the like, comprising an elongate metal member enclosed in a sheath, the metal member having teeth arranged therealong which project through the sheath.

2. A strip according to claim 1, in which the sheath is of a rubber or plastics material extruded about the metal member.

3. A strip according to claim 1 or 2, in which the said teeth are formed by tangs partially punched out from the metal strip.

4. A strip for gripping carpets or the like, comprising an elongate flat thin metal member having upstanding teeth formed along at least one face thereof by partially punching out tangs from the metal member, and an extruded sheath of rubber or plastics material covering the said one face of the metal member, the opposite face thereof and

the two lateral edges running along the member, with the said teeth projecting through the sheath.

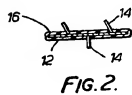
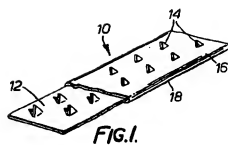
- 5 5. A strip according to any preceding claim, in which holes are formed through the metal member and the sheath at intervals therealong to allow insertion of fixing screws or the like for fixing the strip to a surface.
- 10 6. A strip according to any one of claims 1 to 4, including a layer of adhesive on one outside face of the sheath for fixing the strip to a surface, at least some of the said teeth projecting from an opposite outside face of the sheath.
- 15 7. A strip according to claim 6, in which the adhesive layer is an adhesive layer on one face of a double-sided adhesive tape whose outer face is adhesively attached to
- 20 the said one face of the sheath.

8. A strip according to any one of claims 1 to 4, in which the said teeth are arranged such that some project through one outside face of the sheath for attaching that face to a surface and the remainder project through an opposite outside face of the sheath.

9. A carpet gripping strip, substantially as described with reference to Figure 1 of the accompanying drawings.

10. A carpet gripping strip, substantially as described with reference to Figure 1 of the accompanying drawings as modified by Figure 2 thereof.

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